High Performance Powered by Broadcom

Wireless N300 Home Router

W308R is an 802.11n compliant wireless router that delivers up to 8x faster wireless speeds and 6x farther range than 802.11g while staying backward compatible with 802.11g devices. Connect the W308R to a cable or DSL modem and provide up to 300Mbps Internet access to multiple computers, game consoles, and media players. Create a secure wireless network to share photos, files, music, videos, printers, and network storage. Powered by MIMO technology and equipped with two external 5dBi antennas, this router provides superior wireless coverage for larger homes and offices, or for users running bandwidth-intensive applications. The W308R also includes a 4-port 10/100Mbps Ethernet switch for extra users With intelligent QoS, it prioritizes both wired and wireless Internet traffic to bandwidth-sensitive applications like online gaming, VoIP or stream multimedia. Also it supports for WPA/WPA2 security standards ensure that you will be able to use the best possible encryption regardless of your other wireless devices.

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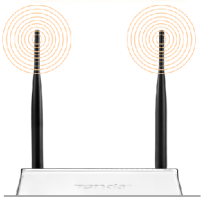
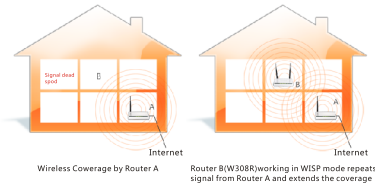
Powered by the WiFi technology from leading chipmaker Broadcom, the W308R offers a more reliable and more stable wireless performance, bringing you a better experience in surfing, emails, gaming, streaming video and more.



Superior Wireless Coverage

Equipped with 2 antennas and 2x2 MIMO technology, users can create a high speed wireless network and up to 18X the speed and 6X the range of conventional 11g products. The W308R shows more excellent abilities of mitigating data loss over long distances and through obstacles in a small office or a large apartment, even in a steel-and-concrete building. Above all, you could easily pick up the wireless network in a long-distance connection where legacy 11g products may not!


Internet
Internet
Wireless Cowerage by Router A
Router B(W308R)working in WISP mode repeats signal from Router A and extends the coverage

Easily Extending Wireless Networks

Wireless ISP (WISP) features a wireless WAN connection that allows the router to connect to a hotspot, usually provided by a ISP, and create a new wireless network for share by multiple users.

Secured Connection

To protect your wireless data communication and privacy, the W308R provides WPA/WPA2 encryptions that are created by the WI-FI Alliance industry group, as WEP encryption has been no longer the strongest and safest guards for outside threats.

Intelligent Bandwidth Control

With QoS over IP address features, the W308R prioritizes optimal bandwidth down to a specific computer or device based on IP address. So, bandwidth-intensive tasks such as voice, video and data transmission can be conducted simultaneously without lag.

Easily Manage Internet Access

The router provides ways to block a specific PC to access to Internet or to a specific website using Client, Mac and/or URL filter features. It is simple and easy to deploy and also helps administrators to better manage network resources.

Easy to Setup and Use

With the Tenda Easy Setup Utility, you can set up your wireless network in minutes. The simple UI will guide you through a simple process to configure your Internet Service Provider (ISP) settings to quickly establish broadband Internet connectivity.

Main Features

- Wireless-N (2.4 GHz)
- High speed up to 300 Mbps
- Support WISP to extend wireless coverage
- Two 5 dBi fixed antennas increase the wireless robustness and stability

System Requirements

- Computer with: Windows 7/Vista/XP, Mac OS or Linux OS
- Microsoft IE, FireFox , or Safari browser
- CD-ROM drive
- Network adapter

Applications

Specification

Hardware	
Standard	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b IEEE 802.3, IEEE 802.3u
Interface	1-Port 10/100Mbps Auto MDI/MDIX WAN 4-Port 10/100Mbps Auto MDI/MDIX LAN
Antenna	2x5dBi fixed antennas
Button	1 Reset/WPS
Power Supply	Input 100-240V 50/60Hz 0.3A Output DC 9V==1A
Dimension L*W*H mm	171.95mm*110.12mm*31mm
LEDs	Power, SYS, WLAN, WPS, WAN, LAN(1-4)
Wireless	
Wireless Speed	Up to 300Mbps
Frequency	2.4GHZ
Basic	Wireless Enable/Disable; SSID Broadcast Enable/Disable; Channel 1-11
Wireless Security	Wireless Security Enable/Disable; 64/128-bit WEP, WPA-PSK, WPA2-PSK WPS Wireless MAC filter
Software	
Internet Connection Type	Dynamic IP Static IP PPPoE PPTP L2TP
Working Mode	WISP Mode WDS Bridge
DHCP Server	Supported
Virtual Server	Port forwarding DMZ host
Security	Client Filter MAC Filter URL Filter Remote Web Management
DDNS	NoIP, Dyddns
VPN Passthrough	PPTP, L2TP
Bandwidth Control	IP based
Static Routing	Yes
Syslog	Yes
Other features	MAC Clone Firmware upgradable via browser
Others	
Package Contents	W308R Wireless N300 Home Router Power Adapter Quick Installation Guide Resource CD Ethernet Cable
Temperature	Operating Temperature 0℃ -- 40℃ Storage Temperature -40℃-- 70℃
Humidity	Operating Humidity 10% ~ 90% RH non-condensing Storage Humidity 10% ~ 90% RH non-condensing
Factory Defaul Settings	Login IP Address 192.168.0.1 Login Password admin
Related Products	W303R Wireless N300 Home Router W322Ua Wireless N300 High Power USB Adapter W322P+ Wireless N300 PCI Adapter
Certificate	CE, FCC, RoHS

Shenzhen Tenda Technology Co.,Ltd
No. 34-1 Shilong Road
Shiyan Town, Baoan District
Shenzhen 518081,China
Phone: (86 755) 2765 7180
Fax: (86 755) 2765 7178
Email: sales@tenda.com.cn
support@tenda.com.cn
http://www.tendacn.com

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